



DEPARTMENT OF THE NAVY  
NAVAL SUPPORT ACTIVITY WASHINGTON  
1411 PARSONS AVENUE SE STE. 303  
WASHINGTON NAVY YARD DC 20374-5003

5090  
Ser N4/219  
September 05, 2017

Ms. Karen Crumlish  
Chief, Drinking Water Branch (3WP21)  
EPA Region III  
1650 Arch Street  
Philadelphia, PA 19103-2029

Dear Karen Crumlish:

SUBJECT: REVISED TOTAL COLIFORM REPORT, U.S. NAVAL OBSERVATORY

Enclosed is the Revised Total Coliform Report for the monitoring period August 2017 at the U.S. Naval Observatory.

If you have any questions or require further information, please contact Mr. Dane Bowker, Public Works Department Drinking Water Program Manager at 202-433-4191 or email: [dane.bowker@navy.mil](mailto:dane.bowker@navy.mil).

Sincerely,

A handwritten signature in cursive script, reading "Quang Nguyen", followed by a horizontal line.

Quang Nguyen, PE  
Acting Installation Environmental  
Program Director  
By direction of the Commanding Officer

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Enclosures: 1. Total Coliform Report  
2. Certificate of Analysis for RTRC

Naval Observatory

PWS: DC0000005

August Sampling Report

First Half

Sample Date: 8/2/2017

Total Samples: 1

Total Samples Negative: 1

Total Samples Positive: 0

Sample Number	Sample Point Identifier	Sample Point Name	Collector Name	Compliance Indicator	Sample Collection		Lab Received	Lab Analysis		Sample Comments	Chlorine Residual	Free Chlorine Residual	pH	Temp (C)	Total Coliform Analysis	E. Coliform Analysis
					Date	Time	Date	Date	Time		Value (mg/L)	Value (mg/L)			Result	Result
17H0357-01	NSF-OBSY-59	BLDG 59	Guyan Kularthne	Y	8/2/2017	1351	8/2/2017	8/3/2017	1422		2.50		7.75	27.1	N	N



## Microbac Laboratories, Inc.

Baltimore Division  
2101 Van Deman Street • Baltimore, MD 21224

Phone: 410-633-1800  
Fax: 410-633-6553  
www.microbac.com

### COVER LETTER

Kosala De Silva  
Inspection Experts, Inc  
9220 Rumsey Rd., Bay # 5  
Columbia, MD 21045

August 07, 2017  
Report No.: 17H0357  
**Revised Report**

RE: USNO

**Report Amended to correct residual chlorine data.**

The report of analyses contains test results for samples received at Microbac Laboratories, Inc., Baltimore Division on 08/02/2017 15:45.

The enclosed results were obtained from and applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report has been reviewed and meet the applicable project and certification specific requirements, unless otherwise noted.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories, Inc.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

This Data Package contains the following:

- This Cover Page
- Sample Summary
- Test Results
- Certifications/Notes and Definitions
- Cooler Receipt Log
- Chain of Custody

8/7/2017

Final report reviewed by:

Coretta S. Davis/Project Manager

Report issue date

*All samples received in proper condition and results conform to ISO 17025 and TNI NELAC standards unless otherwise noted.*

*If we have not met or exceeded your expectations, please contact Coretta S. Davis/Project Manager at 410-633-1800. You may also contact Trevor Boyce, President at [trevor.boyce@microbac.com](mailto:trevor.boyce@microbac.com). Any complaint about the quality of reported results may be referred to the accrediting authority if such complaints cannot be resolved directly with the customer.*



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### CERTIFICATE OF ANALYSIS

Inspection Experts, Inc  
9220 Rumsey Rd., Bay # 5  
Columbia, MD 21045

Project: USNO  
Project Number: 15-0011-214  
Project Manager: Kosala De Silva

Report: 17H0357  
Reported: 08/07/2017 15:47

### SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
NOBSY-59	17H0357-01	Drinking Water	Grab	08/02/2017 13:51	08/02/2017 15:45

Microbac Laboratories, Inc. - Baltimore

Coretta S. Davis, Project Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Original Report

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Report: 17H0357  
Reported: 08/07/2017 15:47

**NOBSY-59**

**17H0357-01 (Drinking Water) Sampled: 08/02/2017 13:51; Type: Grab**

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes
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**Field Analysis**

<b>Analyst:</b>	NA	<b>pH:</b>	7.75	<b>Flow (g/min):</b>	NA	<b>Res. Cl (mg/L):</b>	2.5	<b>GW Elev.(ft):</b>	NA
<b>Temp. (C):</b>	27.1	<b>Turb. (ntu):</b>	NA	<b>D.O. (mg/L):</b>	NA	<b>Cond. (umhos/cm):</b>	NA	<b>LEL (%):</b>	NA
<b>ORP (mV):</b>	NA	<b>Volume (L):</b>	NA	<b>Flow (g/day):</b>	NA	<b>Salinity (ppt):</b>	NA	<b>Ambient Temp. (°C):</b>	NA

**Microbac Laboratories, Inc. - Baltimore**

**Microbiology**

<b>Coliform, Total</b>	<b>Negative</b>	per 100ml	1.0	080217 1905	080317 1422	VAS	SM 9223B Colilert-18
<b>E. Coli</b>	<b>Negative</b>	per 100ml	1.0	080217 1905	080317 1422	VAS	SM 9223B Colilert-18

Microbac Laboratories, Inc. - Baltimore

Coretta S. Davis, Project Manager

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**Original Report**

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Inspection Experts, Inc  
9220 Rumsey Rd., Bay # 5  
Columbia, MD 21045

Project: USNO  
Project Number: 15-0011-214  
Project Manager: Kosala De Silva

Report: 17H0357  
Reported: 08/07/2017 15:47

#### Project Requested Certification(s):

A2LA (Biology)  
State of Maryland (Drinking Water)

#### Analyte Certification Exception Summary

No certification exceptions

All analysis performed were analyzed under the required certification unless otherwise noted in the above summary.

#### Certification List

*Below is a list of certifications maintained by Microbac Laboratories, Inc. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. A complete list of individual analytes pursuant to each certification below is available upon request.*

Code	Description	Certification Number	Expires
<b>Microbac Laboratories, Inc. - Baltimore</b>			
A2LA1	A2LA (Biology)	410.02	04/30/2019
A2LA2	A2LA (Environmental)	410.01	04/30/2019
VA-B	Commonwealth of Virginia (NELAC) - Baltimore	460285	03/14/2018
CPSC	CPSC Testing of Childrens Products and Jewelry	410.01	04/30/2019
Pb	Environmental Lead (ELLAP)	410.01	04/30/2019
FL	Florida - NELAC	E871126	06/30/2018
MD	State of Maryland (Drinking Water)	109	06/30/2018
WV	West Virginia	054	08/31/2017
<b>Microbac Laboratories, Inc. - Richmond</b>			
VA-R	Commonwealth of Virginia (NELAC) - Richmond	460022	06/14/2018

Microbac Laboratories, Inc. - Baltimore

Coretta S. Davis, Project Manager

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Project Manager: Kosala De Silva

Report: 17H0357  
Reported: 08/07/2017 15:47

### Qualifiers/Notes and Definitions

#### *General Definitions:*

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference



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### Cooler Receipt Log

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<b>Cooler ID:</b>	Default Cooler	<b>Cooler Temp:</b>	5.50°C	<b>Work Order:</b>	17H0357
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Custody Seals Intact:	Yes	COC/Containers Agree:	Yes
Containers Intact:	Yes	Correct Preservation:	Yes
Received On Ice:	Yes	Correct Number of Containers Received:	Yes
Radiation Scan Acceptable:	Yes	Sufficient Sample Volume for Testing:	Yes
COC Present:	Yes	Samples Received in Proper Condition:	Yes

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**Comments:**



### Chain of Custody Record

<b>Customer</b> Name: <u>Inspection Experts Inc.</u> Address: <u>9220 Rumsey Road, Bay #5</u> <u>Columbia, MD 21045</u>	<b>Project Information</b> Name: <u>USNO</u> Number: <u>1511-223</u> PO: _____	<b>Turn Around Time</b> <input checked="" type="radio"/> Standard <input type="radio"/> RUSH* Needed By: _____	<b>Compliance</b> <input type="radio"/> Yes <input type="radio"/> No Agency: _____
<b>Contact</b> Name: <u>Kosala De Silva</u> Number: <u>410-715-3939</u> Email: <u>kosala@ieinc.net</u>	<b>Sampler</b> Name: <u>Gayana Kularathne</u> Phone: <u>240-252-0841</u> Cert ID: *** <u>0697GK</u>	<b>Report Options</b> <input type="checkbox"/> EDD <input checked="" type="checkbox"/> Email <input type="checkbox"/> Fax <u>kosala@ieinc.net</u>	<b>QC Package</b> <input checked="" type="radio"/> Level I <input type="radio"/> Level II** <input type="radio"/> Level III** <input type="radio"/> Level IV**
<b>Requested Analysis</b>			

[illegible]

Number of Containers:		Sampled By (signature)		Printed Name/Affiliation	Date/Time	Received By (signature)	Printed Name/Affiliation
Cooler Number: Temp upon receipt(°C): 5.5				Gagan K. Lacheta	08/02/17 1545		Gagan K. Lacheta
Sample Received on Ice or Refrigerated from Client: Yes / No		Relinquished By (signature)		Printed Name/Affiliation	Date/Time	Received By (signature)	Printed Name/Affiliation
Radiation Scan Acceptable: Yes / No							

WHITE - ORIGINAL LAB YELLOW - RECEIPT

Please notify lab prior to drop off.

Please notify lab prior to drop off. \*\*\* Surcharge May Apply to add! QC Packages \*\*\* Sampler certification ID needed for some packages. Page 1 of 1 rev.121112

rev. 121112

## Instructions for completing the Chain of Custody Record

### Chain of Custody Record

Customer	Inspection Experts Inc. 9220 Rumsey Road, Bay #5 Columbia, MD 21045		Project Information	Name: USNO Number: 1511-223 PO:	Turn Around Time	<input checked="" type="radio"/> Standard <input type="radio"/> RUSH* Needed By:	Compliance	<input type="radio"/> Yes <input type="radio"/> No Agency:
Contact	Kosala De Silva 410-715-3939 Email: kosala@ieinc.net		Sampler	Name: Gayan Kularathne Phone: 240-252-0841 Cert ID: *** 0697GK	Report Options	<input type="checkbox"/> EDD <input checked="" type="checkbox"/> Email <input type="checkbox"/> Fax	QC Package	<input checked="" type="radio"/> Level I <input type="radio"/> Level II** <input type="radio"/> Level III** <input type="radio"/> Level IV**
							Requested Analysis	

[illegible]

Hazardous		Non-Hazardous		Radioactive		Sample Disposition		Archive	
Sampled By (signature)		Printed Name/Affiliation		Date/Time		Received By (signature)		Printed Name/Affiliation	
Relinquished By (signature)		Printed Name/Affiliation		Date/Time		Received By (signature)		Printed Name/Affiliation	
Relinquished By (signature)		Printed Name/Affiliation		Date/Time		Received for Lab By (signature)		Printed Name/Affiliation	

Cooler Number: \_\_\_\_\_  
 Temp upon receipt (°C): 5.5  
 Sample Received on Ice or Refrigerated from Client: ☒ Yes / ☐ No  
 Radiation Scan Acceptable: ☒ Yes / ☐ No  
 Please notify lab prior to drop off.

WHITE - ORIGINAL LAB YELLOW - RECEIPT

\* Please notify lab prior to drop off.

\*\*\* Surcharge May Apply to add'l QC Packages

\*\*\* Sampler certification ID needed for some agencies.

air (F), Soil Solid (S), Oil (O), Wipe (W), Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (spec)

### Instructions for completing the Chain of Custody Record